AMENDMENTS TO THE SPECIFICIATION

Please amend the specification on page 2, the paragraph beginning on line 16 as follows:

"Attempts have been made to remove air pollutants from flue gasses,and, in some cases, at relatively low temperatures. For example, U.S. Patent No. 5,670,122 to Zamansky et al. discloses a method for removing air pollutants from combustion flue gases. The method comprises adding hydrogen peroxide and/or methanol to a combustion flue gas that is between 377~~°~~°C and 827~~°~~°C. The hydrogen peroxide and/or methanol react with the air pollutants in the flue gas and remove nitric oxide, sulfur trioxide, light hydrocarbons, carbon monoxide, and trace amounts of mercury from the combustion flue gas."

Please amend the specification on page 11, the paragraph beginning on page 10, line 32 as follows:

"In brief summary: the apparatus and associated method use UV light to dissociate the hydrogen peroxide, and the hydrogen peroxide is closely contained adjacent to the UV lamp, thus providing cooling for the lamp, and while pre-heating the hydrogen peroxide. Also, containing the UV light in the treatment injector advantageously couples substantially all of the light~~?~~'s energy into the hydrogen peroxide so there is less wasted UV light, such as occurs in conventional treatment approaches."